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PROJECT MEMORANDUM
SCE WEST OF DEVERS (WOD) UPGRADE PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: February 20, 2018
Subject: Monitoring Report #10: January 29 to February 11, 2018

Introduction

This report provides a summary of the construction and compliance activities associated with Southern California Edison’s (SCE) West of Devers (WOD) Upgrade Project.

CPUC Environmental Monitor (EM): Jamie Miner was onsite January 30 and February 9, 2018.

CPUC Notices to Proceed (NTPs)

Table 1 summarizes the NTPs with construction for the WOD Upgrade Project.

Table 1 - NTPs
(Updated 02/20/18)

NTP #	Date Requested	Date Issued	Phase	Description
NTP #1	04/04/17	06/29/17	Material Yards	Construction or use of 10 Material Yards
NTP #2	05/18/17	06/29/17	Substation Upgrades	Upgrades to 5 existing Substations
NTP #3	06/05/17	08/10/17	Distribution, Subtransmission, and Telecom	Construction of the Distribution, Subtransmission, and Telecommunication portions of the Project
NTP #4	07/13/17	09/05/17	Transmission	Transmission Line Construction on private lands
NTP #5	08/07/17	UNDER REVIEW	Construction on BLM lands	Transmission Line construction on BLM lands

Construction & Compliance

A summary of construction and compliance activities is provided below by NTP.

Material Yards (NTP #1)

As defined in NTP #1, Project material yards (MY) include:

- Mountain View #1 MY
- Lugonia MY
- Grand Terrace MY
- Poultry MY
- San Timoteo MY
- Beaumont #1 MY



- Beaumont #2 MY
- Matich MY
- Hathaway #2 MY
- Devers MY

Summary of Construction Activity

1. 66 V steel pole and spar arm deliveries to the Devers MY continued throughout the monitoring period.
2. SCE personnel at the Devers MY completed repairs to storm-damaged desert tortoise exclusionary fencing along the eastern wall by relocating the exclusionary fencing approximately 20-feet to the west and within the approved disturbance limits (see Figure 1).

Environmental Compliance

1. On January 31, 2018, SCE submitted the preconstruction compliance packages for the Mountain View #1 and Poultry MYs. After verification that preconstruction measures had been fulfilled, CPUC authorization to begin work at the Mountain View #1 and Poultry MYs was provided on February 14, 2018.
2. One spill was reported at the Devers MY during the monitoring period. The motor oil spill consisted of three separate leak sites approximately 1-3 inches in diameter. The SCE Environmental Inspector (EI) notified SCE personnel at the MY and effective remediation was immediately implemented (see Figure 2).

Substations (NTP #2)

A total of five substations are identified for improvements in NTP #2. These include:

- Etiwanda Substation
- San Bernardino Substation
- Vista Substation
- El Casco Substation
- Devers Substation

Summary of Construction Activity

1. No construction activities associated with substations occurred during the monitoring period. According to SCE, substation work will resume in March 2018.

Environmental Compliance

1. One active nest (red-tailed hawk) was identified at the San Bernardino Substation during the monitoring period. To date, there is one active nest (red-tailed hawk) within work areas associated with NTP #2.

Distribution, Subtransmission, and Telecommunication Work (NTP #3)

As defined in NTP #3, distribution improvements consist of three work packages. These include:

- Dental 12-kV Distribution Circuit (Dental Circuit)
- Reconductor on Juanita Street (Juanita Reconductor)
- Intern 12-kV Distribution Circuit Underbuild (Intern Circuit)

As defined in NTP #3, subtransmission improvements consist of three work packages. These include:

- Removal of San Bernardino–Redlands-Timoteo and the Sand Bernardino–Redlands-Tennessee 66-kV Lines (San Bernardino Removal)
- Relocation of San Bernardino–Redlands-Timoteo 66-kV Lines (San Bernardino–Redlands-Timoteo Relocation)
- Relocation of San Bernardino–Redlands-Tennessee 66-kV Lines (San Bernardino–Redlands-Tennessee Relocation)

As defined in NTP #3, telecommunication improvements consist of six work packages. These include:

- San Bernardino Substation Connection to Redlands Inland Empire District Office (San Bernardino Connection),
- Timoteo-Redlands District Office Fiber Optic Cable Connection (Timoteo-Redlands Connection),
- El Casco Substation Connection to Vista Moreno OPGW (El Casco Connection),
- Maraschino Substation Connection to Devers-Valley OPGW (Maraschino Connection),
- El Casco–Banning Connection to Devers-Vista Skywrap (El Casco–Banning Connection), and
- Banning Substation Connection to Devers-Valley OPGW (Banning Connection).

Summary of Construction Activity

1. On October 12, 2017, SCE submitted preconstruction compliance materials in order to seek authorization to commence with construction of the Maraschino and El Casco-Banning Connections telecom work in Beaumont. After verification that preconstruction measures had been fulfilled, CPUC authorization to begin the Maraschino and El Casco-Banning Connections telecom work was provided on November 21, 2017. On December 1, SCE updated their request to also include the Banning Connection telecom work. CPUC authorization for this work was granted on December 5, 2017.
2. For the currently approved telecom components, installation of underground conduit was conducted by W.A. Rasic Construction, and installation of underground and overhead fiber is being performed by SCE crews. W.A Rasic has completed their work at this time and have demobilized from the Project.
3. Work associated with the Maraschino Connection telecom improvements included final paving at the intersection of East First Street and Highland Springs Avenue and general cleanup activities by W.A. Rasic crews. SCE crews completed fiber splicing activities along Highland Springs Avenue.
4. Work associated with the El Casco–Banning Connection telecom improvements included general cleanup activities by W.A. Rasic crews. SCE crews installed underground conduit, hung arms on overhead poles, and installed overhead fiber along Oak Valley Parkway.
5. Work associated with the Banning Connection telecom improvements included final paving along East Lincoln Street and general cleanup by W.A Rasic crews (see Figure 3). SCE crews installed innerduct and underground/overhead fiber between East Lincoln Street and the Banning Substation and performed splicing activities within Banning Substation (see Figure 4). Additionally, SCE crews prepared distribution poles for overhead fiber installation on Victory Avenue and Wesley Street.

Environmental Compliance

1. On January 30, the CPUC EM and SCE EI observed W.A Rasic crews conducting repaving activities associated with the Banning Connection telecom improvements along East Lincoln Street. During these activities, traffic control was installed in such a way that diverted flow into the active work area, which deviated from the approved Traffic Control Plan (see Figure 5). The SCE EI immediately halted work and notified the crew foreman. The foreman arrived shortly after and traffic control

was adjusted to meet compliance and safely divert flow away from the active work area (see Figure 6).

2. One active nest (golden eagle) was identified in the area of the Banning Connection during the monitoring period. A request for a buffer reduction associated with this nest was submitted to CDFW on February 15, 2018. The agency response is pending. To date, there is one active nest (golden eagle) within work areas associated with NTP #3.
3. Special-status species observed and reported during the monitoring period included golden eagle and Cooper’s hawk.

Transmission Work (NTP #4)

NTP #4 includes descriptions of six transmission line segments, identified as Segments 1 through 6. No work authorized by NTP #4 has occurred.

Summary of Construction Activity

1. No work authorized by NTP #4 has occurred.

Environmental Compliance

1. One active nest (red-tailed hawk) was identified at existing Tower M0-T5-1 (Segment 1) during the monitoring period. To date, there is one active nest (red-tailed hawk) within work areas associated with NTP #4.

Transmission Work BLM Lands (NTP #5)

NTP #5 is under review.

Temporary Extra Workspaces (TEWS) and Minor Project Refinements (MPRs)

Table 2 summarizes the TEWS and MPRs for the WOD Upgrade Project to date. One MPR for use of 10 water sources to support construction activities was approved during the subject reporting period.

Table 2 - TEWS & MPRs
(Updated 02/20/18)

TEWS / MPC	Date Requested	Date Issued	Phase	Description
Temporary Extra Workspaces (TEWS)				
TEWS #1	10-12-17	10-19-17	Maraschino Connection	Access to Beaumont Cherry Valley District water hydrant meter located near the intersection of Highland Springs Avenue and Crooked Creek, Beaumont.
TEWS #2	11-13-17	11-21-17	El Casco– Banning Connection	Water source on Oak Valley Boulevard.
TEWS #3	12-15-17	12-15-17	Banning Connection	Access to existing poles off of Lincoln Street.
TEWS #4	12-18-17	12-18-17	Banning Connection	Access to existing poles off of Wesley Street.

TEWS / MPC	Date Requested	Date Issued	Phase	Description
TEWS #5	12-20-17	12-21-17	Banning Connection	Access to existing poles at intersection of Wesley Street and Old Idyllwild Road
Minor Project Refinements (MPRs)				
MPR #1	11-17-17	11-22-17	Maraschino Connection	Revisions to the amount of new underground telecom construction.
MPR #2	12-13-17	12-15-17	Maraschino Connection	Addition of two vault work areas on Highland Springs Road.
MPR #3	12-21-17	12-28-17	El Casco–Banning Connection	Adjustments to alignment along Oak Valley Parkway
MPR #4	12-27-17	1-3-18	Maraschino/El Casco–Banning Connections	Continued use of two fire hydrants previously approved as TEWS #1 and TEWS #2
MPR #5	1-16-18	1-22-18	Banning Connection	Continued use of access routes described in TEWS #3, 4, and 5 and temporary access paths through private property along Coyote Trail
MPR #6	2-8-18	2-12-18	Project-wide	Use of 10 water sources to support construction activities

CPUC Compliance Incidents, Project Memoranda (PMs) and Non-Compliance Reports (NCRs)

Table 3 summarizes the CPUC Incidents, PMs, and NCRs issued to date.

Table 3
CPUC Incidents, Project Memoranda, and Non-Compliance Reports
 (Updated 02/17/18)

Incident/ PM/NCR	Regulatory Requirement	Date Issued	Phase	Description
Level 1 Incident	Traffic Control Plan	01-30-18	Banning Connection	Traffic control was set up in such a way that diverted flow into active work area and deviated from approved Traffic Control Plan.

PROJECT PHOTOGRAPHS



Figure 1 – Desert tortoise exclusionary fencing reinstalled along eastern wall of Devers MY (February 9, 2018).



Figure 2 – SCE personnel cleaning up small oil leaks at Devers MY (January 30, 2018)

(photo courtesy of SCE FRED).



Figure 3 – W.A Rasic crew repaving road along East Lincoln Street (January 30, 2018).



Figure 4 – SCE crew installing fiber through the riser pole on East Lincoln Street (January 30, 2018).



Figure 5 – Traffic flow diverted into active work area along East Lincoln Street (January 30, 2018).



Figure 6 – Traffic control adjusted along East Lincoln Street to comply with approved Traffic Control Plan (January 30, 2018).